```python
#CTI-110
#P2HW2 - list
#Willie Lockett
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#
#This program is designed to enter grades and compute lowest, higest, sums and average grades
#The Pseudocode is as follows. Users input each grade for each of the 6 modules. The grades are calculated
#for output.
#Prompt user for grades-------------------------------------
M1 = int(input('Enter grade for Module 1: grades:\n'))
M2 = int(input('Enter grade for Module 2: grades:\n'))
M3 = int(input('Enter grade for Module 3: grades:\n'))
M4 = int(input('Enter grade for Module 4: grades:\n'))
M5 = int(input('Enter grade for Module 5: grades:\n'))
M6 = int(input('Enter grade for Module 6: grades:\n'))
#Calculate grades for required areas=======================
total_grade = (M1 + M2 + M3 + M4 + M5 + M6)
average_grade = float(total_grade) / 6
lowest_grade = min(M1, M2, M3, M4, M5, M6)
highest_grade = max(M1, M2, M3, M4, M5, M6)

#Print the results according to instructions provided=========================

print("--------------------Results------------------")
print("Lowest Grade:         ", lowest_grade)
print("Highest Grade:        ", highest_grade)
print("Sum of Grades:        ", total_grade)
print("Average               ", average_grade)

print("-------------------------------------------------")
```